

# LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

<b>GENERAL INFORMATION:</b>		DATE: 4-27-2005	
COUNTY: King George	CONTRACTOR/MUNICIPALITY: CROPS, Inc.		
NAME (OWNER/OPERATOR): Rodney Rollins / Morgan			
INSPECTED BY: Scott Haley (writer)	PERMIT NO: VDHBUR 83		
FIELD NO: part of 5 (21.9)	ACRES: 21.9		
OTHERS PRESENT: Tom Houck (CROPS, Inc.)			
<b>FIELD DATA/OBSERVATIONS:</b>		TIME: 5:30PM	
WEATHER: Partly Cloudy wind from SW	SOIL CONDITIONS: Moist		
BIOSOLIDS SOURCE: Back River / Frederick, MD	BIOSOLIDS TYPE: Digest		
SOIL pH: 6.7	SOLIDS CONTENT OF BIOSOLIDS (%): @20%		
APPLICATION RATE: Back River 1.8DT/ac./ Frederick 2.01DT/ac			
CROP AND EXPECTED YIELD: Corn – see monthly report			
LOAD TO DATE (WT): see monthly report			
BIOSOLIDS APPLIED:	<input type="checkbox"/> LIQUID		<input checked="" type="checkbox"/> DEWATERED
MODE OF APPLICATION:	<input type="checkbox"/> SURFACE	<input checked="" type="checkbox"/> SURFACE W/INCORP.	<input type="checkbox"/> INJECTION
APPLICATION LIMITED BY:	<input checked="" type="checkbox"/> NITROGEN	<input type="checkbox"/> pH	
	<input type="checkbox"/> MAX. HYDRAULIC LOADING (LIQUID BIOSOLIDS)		
	<input type="checkbox"/> MAX. SOLIDS LOADING (15 DRY TONS/ACRE)		
	<input type="checkbox"/> OTHER (SPECIFY):		
<b>FIELD OBSERVATIONS</b>			
	BUFFERS OBSERVED:	<u>YES</u>	<u>NO</u>
	UNIFORM APPLICATION:	X	
	PROPER FIELD RECORDS: N/A		
	SIGNS OF RUNOFF:		X
	TRUCKS NON-SPILL/WATERTIGHT: N/A		
	CONDITION OF HAUL ROUTE SATISFACTORY: N/A		
ODORS PRESENT:	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> ABOVE NORMAL*
OVERALL CONDITION OF SITE:	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> FAIR	<input type="checkbox"/> POOR

<p><b><u>COMMENTS: (*explain):</u></b></p> <p><b>PAN = Plant Available Nitrogen</b></p>	<p>This site permitted as part of VDHBUR83 – “Site E”, field 5 (21.9 total acres).</p> <p>The complainant was concerned about odor from the storage facility and contacted DWE.</p> <p>Complainant was also concerned that there might be some raw material (septage or untreated sludge) being land applied near the storage facility.</p> <p>Mr. Haley arrived in the area at approximately 5:30PM and began evaluating odors at fields that had recently been spread with biosolids along Rt. 607. Biosolids had been incorporated on fields located to the south of Rt. 607, and fields were being finished and planted. Odors were slight.</p> <p>Mr. Haley traveled Rt. 631 (Millbank Road), attempting to detect odors from the storage facility or land application. Writer stopped at driveways of nearby residences, but no odors were detected along the road.</p> <p>Mr. Haley traveled back to the storage “site E”. Land application was not occurring, but had been occurring on part of field 5 over the past two days, with Frederick and Back River digested biosolids stored in “Cell E”. The field had recently been incorporated. There were normal odors along the edge of the field. Odors from the storage facility were normal. The land application supervisor, stated that there had been stronger odors during land application to field 5. He stated that CROPS chose to incorporate to control odors. No supernatant or rainwater was present in the storage facility permitted as “Cell E”.</p> <p>Cell D of the storage facility still contains rainwater and supernatant transferred from the two other cells - “E &amp; F”. Mr. Haley asked land application supervisor to remove water from “Cell F” to help reduce future odors at the time of land application. No septage, or untreated sludge was observed, only digested biosolids was present in the storage facility.</p> <p>Mark Remsberg with King George County was notified of the complaint via voicemail.</p>
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King George Health Department  
King George County – Mark Remsberg  
Culpeper Engineering – Becky Tolliver  
CROPS, Inc.